

APR 04 2018

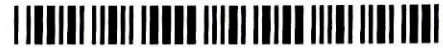


Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

K10004

Job Sheet 173831



Part No: K10004

Job Qty: 2 ea

Part Name: Heavy Duty Saddles



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 3/7/18

Job Tracking No:

Created By: Linda Lacelle

Due Date: 4/12/18

Type: SOLD

Description:

Note: DWG REV E IPP : D 05.07.22 Reformat; Added D3428-3 per CHG003 KJ/JLM IPP Rev:E 08-09-29 revD as per dwg DD verified by: IPP Rev:F chg005 DD 10.06.03 verf:JLM IPP REV:G 13.08.21 REMOVED D3428-3 DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard Setup Run hrs Hrs	Workcenter/Supplier	Lead Time	Sign-off
90	Start up Operation	2 Ea	4/12/18	4/12/18	0.00 0.00	Start Up Stores/Pkg-1		APR 04 2018
105	Packaging	2 pcs	4/12/18	4/12/18	0.00 0.00	Packaging1-5		APR 04 2018
110	QC	2 pcs	4/12/18	4/12/18	0.00 0.00	QC4		
115	DC	2 pcs	4/12/18	4/12/18	0.00 0.00	DC		
120	Packaging	2 pcs	4/12/18	4/12/18	0.00 0.00	Packaging3-2		
130	QC21-FG	2 Ea	4/12/18	4/12/18	0.00 0.00	QC21		

Part Op 115 - Photocopy bluefile for K10004, D205-594-011/-013/-015 & D412-652-011/-21 and type labels per PPP K10004
Descriptions: CHG005

120 - Location: FG129

21 APR 11 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN4-51A	Bolt	32 Ea (16 ea)	90-Start up Operation	SO 44185
AN5-15A	Bolt	64 Ea (32 ea)	90-Start up Operation	FM138 333 0X10
AN5-36A	Bolt	4 Ea (2 ea)	90-Start up Operation	SO 41116
AN5-42A	Bolt	4 Ea (2 ea)	90-Start up Operation	FM138 607
AN5-43A	Bolt	4 Ea (2 ea)	90-Start up Operation	SO 05413
AN5-45A	Bolt	4 Ea (2 ea)	90-Start up Operation	FM137 872-2X2
D205-641-011	Ground Handling Lugs	4 Ea (2 ea)	90-Start up Operation	SO 5 2898
D2570	Bushing	64 Ea (32 ea)	90-Start up Operation	SO 46935
D3407-041	Tow Ring	4 Ea (2 ea)	90-Start up Operation	SO 52518
D3417-5	Washer	8 Ea (4 ea)	90-Start up Operation	SO 4948
D3456-1	Washer	4 Ea (2 ea)	90-Start up Operation	SO 12112
D5951	Saddle	4 Ea (2 ea)	90-Start up Operation	SO 41571
D5953	Saddle	4 Ea (2 ea)	90-Start up Operation	SO 20650X2
D5955	Saddle	4 Ea (2 ea)	90-Start up Operation	SO 54573
D5957	Saddle	4 Ea (2 ea)	90-Start up Operation	SO 103121
MS21042L4	Nut	32 Ea (16 ea)	90-Start up Operation	SO 2103121
MS21042L5	Nut	80 Ea (40 ea)	90-Start up Operation	SO 2103121
MS21043-4	Nut	4 Ea (2 ea)	90-Start up Operation	SO 1688161
NAS1149D0563J	Washer	160 Ea (80 ea)	90-Start up Operation	SO 25743X119

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor ation		
Root Cause			FAULT CATEGORY		
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Los ☐	
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Prog ☐	
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Sto ☐	
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Seq ☐	
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabelec ☐	
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Functic ☐	
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misalignec ☐	
Past Expiry Date ☐	Manufacturing Process ☐				
Misidentified ☐	Past Due ☐	OTHER :			

DART
AEROSPACE

Part: K10004
Job No: 173831
Serial No/Batch: S057954
Revision:
Inspector:

Container No: S057954

1270 Aberdeen Street
Hamletbury, ON K6A 1K7
CANADA
Tel: 1 813 832-8200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 04/04/18

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	AN4-51A	32	254	0
	AN5-15A	64	49	0
	AN5-36A	4	296	0
	AN5-42A	4	16	0
	AN5-43A	4	26	0
	AN5-45A	4	12	0
	D205-641-011	4	0	0
	D2570	64	799	0
	D3407-041	4	26	0
	D3417-5	8	21	0
	D3456-1	4	81	0
	D5951	4	3	0
	D5953	4	4	0
	D5955	4	2	0
	D5957	4	3	0
	MS21042L4	32	3,748	0
	MS21042L5	80	837	0
	MS21043-4	4	863	0
	NAS1149D0563J	160	1,270	0
Part Specifications				
Specifications could not be found.				

Plex 3/7/18 1:52 PM dart.lacelle.linda

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only. ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					



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Container View (Active) - Master Unit Containers

Master Unit No	Container No	Part No	Part Name	From Container	Current Location	Quantity
002101	S057348	AN4-51A	Bolt	s044185	ST340	32
002101	FM138333-0	AN5-15A	Bolt		ST337	10
002101	S057347	AN5-15A	Bolt	s053947	OVER003	54
002101	S057346	AN5-36A	Bolt	s041116	ST336	4
002101	S057342	AN5-42A	Bolt	FM138607	ST336	4
002101	S001514	AN5-43A	Bolt	S001514	ST336	4
002101	FM137878-2	AN5-45A	Bolt		ST335	2
002101	S057339	AN5-45A	Bolt	S054120	OVER004	2
002101	S052898	D205-641-011	Ground Handling Lugs	S026304	ST636	4
002101	S057338	D2570	Bushing	S046933	ST008	64
002101	S052918	D3407-041	Tow Ring	S052917	ST530	4
002101	S057325	D3417-5	Washer	S049482	ST034	8
002101	S057319	D3456-1	Washer	S012112	ST036	4
002101	S019457	D5951	Saddle	S019456	ST399	1
002101	S057318	D5951	Saddle	s052488	ST399	3
002101	S020680	D5953	Saddle	F165018	ST399	2
002101	S057952	D5953	Saddle	S055148	ST399	2
002101	S057317	D5955	Saddle	s054573	ST399	4
002101	S021031	D5957	Saddle	S021029	ST399	1
002101	S057953	D5957	Saddle	S054705	ST399	3
002101	S056993	MS21042L4	Nut	S045901	ST303	32
002101	S016880	MS21042L5	Nut		ST303	61
002101	S056989	MS21043-4	Nut	S038086	ST302	4
002101	S025743	NAS1149D0563J	Washer		ST263	118
002101	S056986	NAS1149D0563J	Washer	S039036	ST263	42

Note: Ad hoc query view of Part.dbo.Container where Container.Active = 1.

Plex 4/4/18 7:46 AM dart.quirion.sonia